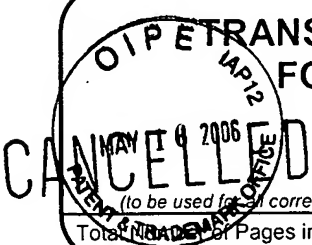
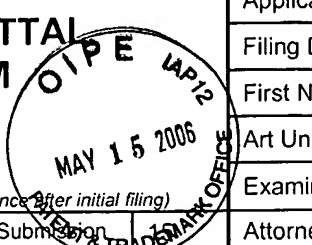


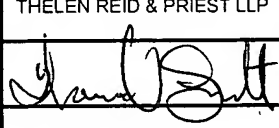
IFW

|  |                        |                  |
|--|------------------------|------------------|
|   | Application Number     | 10/646,139       |
|  | Filing Date            | August 20, 2003  |
|  | First Named Inventor   | Nysen, Paul A.   |
|  | Art Unit               | 2834             |
|  | Examiner Name          | Karen B. Addison |
|  | Attorney Docket Number | 035826-026       |

## ENCLOSURES (check all that apply)

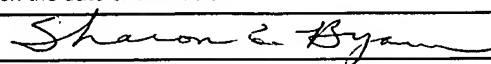
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|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Correction of Information Disclosure Statement Form 1449;<br>Copies of Information Disclosure Statement and 1449 (12 pages) as originally filed on 9/24/03, with necessary corrections<br>Return postcard |
| <div style="border: 1px solid black; padding: 2px;">Remarks</div>   |  |  |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |   |          |        |
|--------------|---|----------|--------|
| Firm         | THELEN REID & PRIEST LLP  |          |        |
| Signature    |  |          |        |
| Printed Name | Thomas Van Zandt  |          |        |
| Date         | May 11, 2006  | Reg. No. | 43,219 |

## CERTIFICATE OF TRANSMISSION/MAILING

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| Typed or printed name | Sharon E. Byam  | Date | May 11, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Nysen, Paul A  
SERIAL NO.: 10/646,139  
FILING DATE: August 20, 2003  
TITLE: Surface Acoustic Wave Modulator  
EXAMINER: Karen B Addison,  
ART UNIT: 2834

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COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**Correction of Information Disclosure Statement Form 1449**

The Information Disclosure Statement (IDS) Form 1449 filed on September 24, 2003, for this application, incorrectly identifies the IDS Form 1449 as pertaining to Serial No. 08/914,284 and incorrectly indicates a filing date for the application of August 18, 1997. The correct serial number for this application is 10/646,139. The correct filing date for the application is August 20, 2003. A corrected IDS is enclosed herewith.

Respectfully submitted,  
THELEN REID & PRIEST LLP

Dated: May 11, 2006

Thomas Van Zandt  
Reg. No. 43,219

Thelen Reid & Priest LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Tel.: 408.292.5800  
Fax: 408.287.8040



XCI-231.3

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Paul A. Nysen, et al.  
Serial No. : 10/646,139  
Filed : 8/20/03  
For : BACKSCATTER TRANSPONDER INTERROGATION DEVICE

-----  
September 24, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. paragraph 1.98(d), copies of the references listed on the enclosed reference citation sheets from the parent application U.S. Serial No. 08/914,284 filed 8/18/97 are likewise found in the parent application.

Respectfully submitted,

Steven M. Hoffberg  
Reg. No. 33,511

MILDE & HOFFBERG, LLP  
10 Bank Street - Suite 460  
White Plains, NY 10606  
(914) 949-3100

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Date 9/24/03



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Serial 1 of 3

SERIAL NO.

10'646,139

INFORMATION DISCLOSURE STATEMENT  
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PAUL A. NYSEN

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08/20/03

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## U.S. PATENT DOCUMENTS

| U.S. PATENT DOCUMENTS |                 |   |   |   |   |    |          |                |                           |          |                    |
|-----------------------|-----------------|---|---|---|---|----|----------|----------------|---------------------------|----------|--------------------|
|                       | DOCUMENT NUMBER |   |   |   |   |    | DATE     | NAME           | CLASS<br><del>36615</del> | +00CLASS | FILIII.<br>IF APPR |
|                       |                 |   |   |   |   |    |          |                |                           |          |                    |
| VA                    | 4               | 7 | 3 | 9 | 3 | 28 | 4/19/88  | KOELLE ET AL   | 342/44                    |          | 7/14/86            |
| VB                    | 4               | 8 | 8 | 8 | 5 | 91 | 12/19/89 | LANDT ET AL    | 342/44                    |          | 10/6/88            |
| VC                    | 4               | 0 | 5 | 9 | 8 | 31 | 11/22/77 | EPSTEIN        | 343/6.8R                  |          | 10/6/75            |
| VD                    | 4               | 4 | 8 | 4 | 1 | 60 | 11/20/84 | RIHA           | 333/195                   | ...      | 3/8/83             |
| VE                    | 4               | 6 | 0 | 4 | 6 | 23 | 8/5/86   | SKEIE          | 343/6.8R                  |          | 6/30/83            |
| VF                    | 4               | 6 | 0 | 5 | 9 | 29 | 8/12/86  | SKEIE          | 343/6.8R                  |          | 6/30/83            |
| VG                    | 4               | 6 | 2 | 0 | 1 | 91 | 10/28/86 | SKEIE          | 342/51                    |          | 6/30/83            |
| VH                    | 4               | 6 | 2 | 3 | 8 | 90 | 11/18/86 | NYSEN          | 342/44                    |          | 6/30/83            |
| VI                    | 4               | 6 | 2 | 5 | 2 | 07 | 11/25/86 | SKEIE          | 342/51                    |          | 6/30/83            |
| VI                    | 4               | 6 | 2 | 5 | 2 | 08 | 11/25/86 | SKEIE ET AL    | 342/51                    |          | 6/30/83            |
| VK                    | 4               | 7 | 0 | 3 | 3 | 27 | 10/27/87 | ROSSETTI ET AL | 342/44                    |          | 10/31/85           |

## FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS |                 |  |  |  |  |  |  |      |         |       |          |         |
|--------------------------|-----------------|--|--|--|--|--|--|------|---------|-------|----------|---------|
|                          | DOCUMENT NUMBER |  |  |  |  |  |  | DATE | COUNTRY | CLASS | SUBCLASS | TRANSL. |
|                          |                 |  |  |  |  |  |  |      |         |       |          | YES     |
| AL                       |                 |  |  |  |  |  |  |      |         |       |          |         |
| AM                       |                 |  |  |  |  |  |  |      |         |       |          |         |
| AN                       |                 |  |  |  |  |  |  |      |         |       |          |         |
| AO                       |                 |  |  |  |  |  |  |      |         |       |          |         |
| AP                       |                 |  |  |  |  |  |  |      |         |       |          |         |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| MR   |  |
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|-----------------|---------|------|-----------------------|--------------|----------|-------------------|
|                 |         |      | NAME                  | CLASS<br>SUB | SUBCLASS | FILING<br>IF APPR |
| 5019815         | 5/28/91 |      | LEMELSON ET AL        | 340/933      |          | 3/3/87            |
| 4288343         | 9/8/81  |      | LOUNDERBACK           | 252/408      |          | 3/22/79           |
| 4288689         | 9/8/81  |      | LEMELSON ET AL        | 235/435      |          | 10/12/79          |
| 3273146         | 9/13/66 |      | H. HURWITZ            | 342/51       |          | 8/1/64            |
| 5144313         | 9/1/92  |      | KIRKNES               | 342/44       |          | 4/24/91           |
| 3981011         | 9/14/76 |      | BELL, III             | 343/6SLC     |          | 3/31/75           |
| 4263595         | 4/21/81 |      | VOGEL                 | 343/655S     |          | 5/15/79           |
| 4143340         | 3/6/79  |      | HUNSINGER             | 333/151      |          | 9/1/76            |
| 4201964         | 5/6/80  |      | NORO ET AL (          | 333/151      |          | 6/20/78           |
| 3810257         | 5/7/74  |      | JONES ET AL           | 333/30R      |          | 2/1/73            |
| 4267534         | 5/12/81 |      | TANSKI                | 333/153      |          | 5/23/80           |

| DOCUMENT NUMBER |         | DATE | FOREIGN PATENT DOCUMENTS |                   |          |                   |
|-----------------|---------|------|--------------------------|-------------------|----------|-------------------|
|                 |         |      | COUNTRY                  | CLASS<br>SUBCLASS | SUBCLASS | TRANSL.<br>YES NO |
| 2189788         | 9/17/87 |      | AUSTRALIA                | G07C<br>005/00    |          | ✓                 |
| 6661181         | 1/25/80 |      | AUSTRALIA                | G01K<br>11/22     |          | ✓                 |
| 1000043         | 2/6/90  |      | AUSTRALIA                | H04B<br>1/59      |          | ✓                 |
| 3900470         | 11/3/89 |      | AUSTRALIA                | H03H<br>9/145     |          | ✓                 |
| 0089617         | 3/16/83 |      | GERMANY                  | H03H<br>9/145     |          | ✓                 |

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GORUK, WILLIAM; OPTICAL PROBING MEASUREMENTS OF SURFACE WAVE  
GENERATION AND REFLECTION IN INTERDIGITAL TRANSDUCERS ON  
LiNbO<sub>3</sub>; 11/80; pp. 341-354

CAMBIAGGIO, EDMOND; SAW REFLECTION FROM CONDUCTING STRIPS  
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DATE CONSIDERED

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U.S. DEPARTMENT OF COMMERCE  
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| DOCUMENT NUMBER |  | DATE     | U.S. PATENT DOCUMENTS |                   |          |                   |
|-----------------|--|----------|-----------------------|-------------------|----------|-------------------|
|                 |  |          | NAME                  | CLASS<br>SUBCLASS | SUBCLASS | FILING<br>IF APPR |
| 4307356         |  | 12/22/81 | ARAI                  |                   |          |                   |
| 4096477         |  | 6/20/78  | EPSTEIN ET AL         | 333/194           |          | 7/3/80            |
| 4028649         |  | 6/7/77   | KOMATSU ET AL         | 343/655           |          | 4/22/77           |
| 4263571         |  | 4/21/81  | KINOSHITA ET AL       | 333/72            |          | 12/19/75          |
| 4166258         |  | 8/23/77  | TSENG                 | 333/194           |          | 11/15/79          |
| 4410823         |  | 10/18/83 | MILLER ET AL          | 333/195           |          | 8/29/74           |
| 3845420         |  | 10/21/74 | HOLLAND ET AL         | 310/313D          |          | 11/13/81          |
| 3931597         |  | 1/6/76   | CHO ET AL             | 333/30R           |          | 3/2/73            |
| 41217564        |  | 8/12/80  | AUTRAN                | 333/30R           |          | 2/4/74            |
| 3801935         |  | 4/2/74   | MITCHELL              | 333/152           |          | 9/15/78           |
| 4494031         |  | 1/15/85  | BARNES ET AL          | 333/72            |          | 7/12/72           |
|                 |  |          |                       | 310/313B          |          | 3/16/83           |

| DOCUMENT NUMBER |  | DATE     | FOREIGN PATENT DOCUMENTS |       |          |                   |
|-----------------|--|----------|--------------------------|-------|----------|-------------------|
|                 |  |          | COUNTRY                  | CLASS | SUBCLASS | TRANSL.<br>YES NO |
| 0002485         |  | 11/13/80 | JAPAN                    | H03H  | 9/145    |                   |
| 0153817         |  | 11/28/81 | JAPAN                    | H03H  | 9/145    | ✓                 |
| 0122215         |  | 9/25/81  | JAPAN                    | H03H  | 9/145    |                   |
| 000184          |  | 10/8/84  | AUSTRALIA                | H03H  | 9/145    |                   |
| 228911          |  | 11/3/87  | CANADA                   | H04B  | 1/59     | ✓                 |
|                 |  |          |                          | G01S  | 9/145    | ✓                 |

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RADAR BURST; pp. 1325-1329

DEVRIES, ADRIAN; REFLECTION OF A SURFACE WAVE FROM THREE  
TYPES OF ID TRANSDUCERS; pp. 280-285

IEEE TRANSACTIONS ON SONICS AND ULTRASONICS; 1/73; Vol.  
SU-20, No. 1; pp. 42-187, 204

DATE CONSIDERED



INFORMATION DISCLOSURE STATEMENT  
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| DOCUMENT NUMBER | DATE     | NAME                    | CLASS     | SUBCLASS | FILING IF APPR |
|-----------------|----------|-------------------------|-----------|----------|----------------|
| 4912471         | 3/27/90  | TYBWRSKI ETAL (PARTIAL) | 342/42    |          | 11/3/83        |
| 4106020         | 8/8/78   | JOHNSON                 | 343/14    |          | 7/21/77        |
| 4044355         | 3/23/77  | EDVARDSSON              | 343/14    |          | 2/13/76        |
| 2817012         | 12/17/57 | H.C. KENDALL            | 342/42    |          | 2/20/52        |
| 3818528         | 4/15/55  | MAJEAU                  | 343/6555  |          | 10/12/73       |
| 3521080         | 7/1/70   | M. JANCO ETAL           | 342/44    |          | 1/16/69        |
| 3209350         | 9/23/65  | R.K. DAVIS ETAL         | 340/82534 |          | 10/4/63        |
| 4388524         | 6/14/83  | WALTON                  | 235/380   |          | 9/16/81        |
| 4151525         | 4/24/79  | STRAUCH ET AL           | 343/65R   |          | 6/28/77        |
| 4023167         | 5/10/77  | WAHLSTROM               | 343/6555  |          | 6/16/75        |
| 3131911         | 6/5/73   | SAKURAGI ETAL           | 343/6555  |          | 8/17/70        |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE     | COUNTRY        | CLASS | SUBCLASS | TRANSL. YES/NO |
|-----------------|----------|----------------|-------|----------|----------------|
| 2604105         | 2/3/76   | GERMANY        | H03H  | 9/00     | ✓              |
| 2521290         | 5/13/75  | GERMANY        | H03H  | 9/145    | ✓              |
| 3438051         | 10/17/84 | GERMANY        | G01S  | 13/74    | ✓              |
| 1228912         | 11/3/87  | CANADA         | G01S  | 13/80    | ✓              |
| 1413486         | 12/29/72 | AUSTRALIA U.K. | H03B  | 5/32     | ✓              |

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|----|--|
| VI | HAYDL, WILLIAM, SURFACE ACOUSTIC WAVE RESONATORS                     |
| VS | CROSS, PETER S, SURFACE-ACOUSTIC-WAVE RESONATORS                     |
| VI | STOCKER, HELMUT, AKUSTISCHE OBERFLACHENWELLEN-BAUELEMENTE. pp. 87-93 |

DATE CONSIDERED

INFORMATION DISCLOSURE STATEMENT  
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U.S. PATENT DOCUMENTS

|    | DOCUMENT NUMBER | DATE     | NAME                | CLASS    | SUBCLASS | FILING IF APPR |
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| VA | 4339153         | 7/13/82  | MAWHINNEY           | 343/655S |          | 12/19/79       |
| VB | 4480150         | 10/30/84 | JONES ET AL         | 174/52FP |          | 7/12/82        |
| VC | 4644384         | 2/17/87  | CHAROENSAKVIROCHANA | 357/74   |          | 2/2/84         |
| VD | 4330790         | 5/13/82  | BURNS               | 357/70   |          | 3/24/80        |
| VE | 4003073         | 1/11/77  | HELDA ET AL         | 357/70   |          | 10/10/72       |
| VF | 4234666         | 11/18/80 | GURSKY              | 428/573  |          | 7/26/78        |
| VG | 4706105         | 11/10/87 | MASUDA ET AL        | 357/74   |          | 6/13/86        |
| VH | 4672418         | 6/9/87   | MORAN ET AL         | 357/70   |          | 4/8/85         |
| VI | 4331740         | 5/25/82  | BURNS               | 428/572  |          | 4/14/80        |
| VJ | 3909838         | 9/30/75  | BEYERLEIN           | 357/70   |          | 8/1/73         |
| VK | 4141712         | 2/27/79  | ROGERS              | 65/36    |          | 7/18/77        |

FOREIGN PATENT DOCUMENTS

|    | DOCUMENT NUMBER | DATE    | COUNTRY                  | CLASS | SUBCLASS | TRANSL YES |
|----|-----------------|---------|--------------------------|-------|----------|------------|
| AK | 847910          | 6/26/85 | REPUBLIC of SOUTH AFRICA | H04B  |          | ✓          |
| AL | 1298381         | 2/26/69 | ENGLAND                  | H04B  | 7/00     | ✓          |
| AM | 847909          | 6/2/85  | REPUBLIC of SOUTH AFRICA | H04B  |          | ✓          |
| AN | 2165411         | 10/6/84 | ENGLAND                  | H03H  | 9/42     | ✓          |
| AO | 2165425         | 10/9/84 | ENGLAND                  | H03B  | 23/00    | ✓          |

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|    |   |
|----|---|
| AK | WILLIAMSON, RICHARD, REFLECTION GRATING FILTERS;<br>DEPARTMENT OF THE ARMY, pp 381-442                            |
| AS | HOLLAND, MELVIN, PRACTICAL SURFACE ACOUSTIC WAVE<br>DEVICES, PROCEEDINGS OF THE IEEE Vol 62, No 5 5/74, p 582-611 |
| AT | OMNIDIRECTIONAL ANTENNAS, BUTTERWORTH & CO,<br>CHAPTER 2; pp 25-33  |

DATE CONSIDERED

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10/646,139

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PAUL A. NYSEN

FILING DATE

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## U.S. PATENT DOCUMENTS

|      | DOCUMENT NUMBER | DATE     | NAME             | CLASS     | SUBCLASS | FILING<br>IF APPR. |
|------|-----------------|----------|------------------|-----------|----------|--------------------|
| VI   | 3870994         | 3/11/75  | MCCORMICK ET AL  | 343/65R   |          | 12/22/72           |
| VII  | 4217101         | 11/27/81 | HENRIQUES        | 343/651L  |          | 8/8/79             |
| VIII | 3513470         | 5/19/70  | G. RABOW         | 342/51    |          | 7/7/58             |
| IX   | 4180815         | 12/25/79 | HILL             | 343/65R   |          | 1/20/78            |
| X    | 2665480         | 5/23/72  | FOSSETT          | 343/754   |          | 1/23/69            |
| XI   | 4260928         | 4/17/81  | YANAGISAWA ET AL | 343/700M  |          | 4/4/79             |
| XII  | 4423392         | 12/27/83 | WOLFSON          | 333/116   |          | 11/30/81           |
| XIII | 4242685         | 12/30/80 | SANFORD          | 343/770   |          | 4/27/79            |
| XIV  | 4241352         | 12/23/80 | ALSPAUGH ET AL   | 343/700M  |          | 9/15/76            |
| XV   | 4320402         | 3/16/82  | BOWEN            | 343/700MS |          | 7/7/80             |
| XVI  | 4589422         | 5/20/86  | JAMES ET AL      | 128/804   |          | 2/3/84             |

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|    | DOCUMENT NUMBER | DATE     | COUNTRY              | CLASS | SUBCLASS | TRANSL.<br>YES |
|----|-----------------|----------|----------------------|-------|----------|----------------|
| EP | 0513007         | 11/13/90 | EUROPE               | H03H  | 9/02     | ✓              |
| GB | 2142475         | 1/16/85  | ENGLAND              | H04B  | 1/59     | ✓              |
| DE | 2524571         | 6/3/75   | GERMANY (US 3984835) | H04B  | 7/15     | ✓              |
| FR | 2165423         | 10/9/84  | ENGLAND (US 4726841) | H04B  | 1/59     | ✓              |
| JP | 2813753         | 3/30/78  | GERMANY (US 4209783) | G01S  | 9/56     | ✓              |

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| VI   | KEENAN, ROBERT; PRIVATE FIRM PROFITS FROM ELECTRONIC TOLLS; 5/96; WIRELESS SYSTEMS DESIGN; p. 24   |
| VII  | TECHNOLOGY A GENERATION AHEAD; AMTECH BROCHURE; pp 1-8, INSERT   |
| VIII | ALLAN, ROGER; WIRELESS TRANSCIVER WITH MICROMACHINED SENSOR DETECTS BOTH TIRE PRESSURE AND TEMPERATURE; TECHNOLOGY ADVANCES; ELECTRONIC DESIGN; 12/16/96 |

113)

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SERIAL NO.

10/646,139

APPLICANT

PAUL A. NYSEN

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GROUP

U.S. PATENT DOCUMENTS

|    | DOCUMENT NUMBER | DATE     | NAME          | CLASS     | SUBCLASS | FILING IF APPR. |
|----|-----------------|----------|---------------|-----------|----------|-----------------|
| VA | 4554549         | 11/19/85 | FASSETT ET AL | 343/700MS |          | 9/19/83         |
| VB | 4477813         | 10/16/84 | WEISS         | 313/700MS |          | 8/11/82         |
| VC | 4110653         | 8/29/78  | HARTEMANN     | 310/313   |          | 3/25/77         |
| VD | 4072915         | 2/7/78   | MITCHELL      | 333/72    |          | 9/10/76         |
| VE | 3869682         | 3/4/75   | HEEKS ET AL   | 332/11R   |          | 4/10/74         |
| VF | 4462011         | 7/24/84  | WARD          | 333/154   |          | 12/27/82        |
| VG | 3600710         | 8/17/71  | ADLER         | 333/72    |          | 8/12/68         |
| VH | 3936774         | 2/3/76   | MELLON ET AL  | 333/30R   |          | 3/14/74         |
| VI | 4155056         | 5/15/79  | CROSS ET AL   | 333/195   |          | 8/25/77         |
| VJ | 4434383         | 2/28/84  | CHO ET AL     | 310/313R  |          | 1/10/83         |
| VK | 3898592         | 8/5/75   | SOLIE         | 333/72    |          | 5/8/74          |

FOREIGN PATENT DOCUMENTS

|    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSL. YES |
|----|-----------------|------|---------|-------|----------|-------------|
| AL |                 |      |         |       |          |             |
| AM |                 |      |         |       |          |             |
| AN |                 |      |         |       |          |             |
| AO |                 |      |         |       |          |             |
| AP |                 |      |         |       |          |             |

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|    |  |
|----|--|
| VR | WALKER, HAROLD; VPSK MODULATION TRANSMITS DIGITAL AUDIO AT 15 b/s/HZ; WIRELESS SYSTEMS DESIGN; 12/96; pp 38-42 |
| VS | GROSSMANN, JOHN; THE WIRING OF THE GREEN; INC. TECHNOLOGY; 1996; No 4; pp 55-58                                |
| VT | A SPREAD SPECTRUM CHIP FOR RIC APPLICATIONS; MICRON COMMUNICATIONS INC; MICROWAVE JOURNAL; 11/96; pp 144-148   |
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## U.S. PATENT DOCUMENTS

|    | DOCUMENT NUMBER | DATE     | NAME           | CLASS    | SUBCLASS | FILING IF APPR |
|----|-----------------|----------|----------------|----------|----------|----------------|
| VA | 4 2 4 2 6 7 1   | 12/30/30 | PLOWS          |          |          |                |
| VB | 4 9 3 1 6 6 4   | 6/5/30   | KNOLL          | 340/572  |          | 12/8/78        |
| VC | 3 9 6 1 2 9 0   | 6/1/76   | MOORE          | 307/10.3 |          | 3/2/88         |
| VD | 4 6 9 9 6 8 2   | 10/13/87 | TAKISHIMA      | 333/30R  |          | 2/7/75         |
| VE | 4 6 2 5 1 3 4   | 11/25/86 | NIITSUMA ET AL | 156/292  |          | 10/16/86       |
| VF | 4 4 2 2 0 5 5   | 12/20/83 | CULLEN ET AL   | 333/150  |          | 6/27/83        |
| VG | 4 8 4 5 3 9 7   | 7/4/89   | HERRICK ET AL  | 333/151  |          | 10/30/81       |
| VH | 4 9 3 3 5 8 8   | 6/12/90  | GREER          | 310/348  |          | 3/24/86        |
| VI | 4 2 1 3 1 0 4   | 7/15/80  | CULLEN ET AL   | 310/313D |          | 12/23/88       |
| VJ | 4 7 4 5 4 0 1   | 5/17/88  | MONTEAN        | 333/150  |          | 9/25/78        |
| VK | 5 0 2 7 1 0 7   | 6/25/91  | MATSUNO ET AL  | 340/572  |          | 9/9/85         |
|    |                 |          |                | 340/572  |          | 6/27/89        |

## FOREIGN PATENT DOCUMENTS

|    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSL YES |
|----|-----------------|------|---------|-------|----------|------------|
| AL |                 |      |         |       |          |            |
| AM |                 |      |         |       |          |            |
| AN |                 |      |         |       |          |            |
| AO |                 |      |         |       |          |            |
| AP |                 |      |         |       |          |            |

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| VR | TUTTLE, JOHN; INTEGRATED CIRCUIT SIMPLIFIES DESIGN OF RFID SYSTEMS; MICROWAVES + RF; 10/96; pp 103-109 |
| VS | GUO, YANPENG; IF TRANSCEIVER SERVES DIGITAL CELLULAR/PCS; MICROWAVES + RF; 10/96; pp 77-84             |
| VT | ROBINSON, GAIL; IMPULSE RADAR MICROPOWERED FOR SENSOR APPS. EET; 1/20/97; pp 33-36                     |

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APPLICANT

PAUL A. NYSEN

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## U.S. PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE     | NAME           | CLASS   | SUBCLASS | FILING<br>IF APPR |
|-----------------|----------|----------------|---------|----------|-------------------|
| 3025524         | 3/13/62  | C. H. THIES    | 343/823 |          | 5/6/59            |
| 3845490         | 10/29/74 | MANWARREN ETAL | 343/821 |          | 5/3/73            |
| 4138681         | 2/4/79   | DAVIDSON ETAL  | 343/702 |          | 8/29/77           |
| 3689929         | 9/5/72   | MOODY          | 343/802 |          | 11/23/70          |
| 4800392         | 1/24/89  | GARAY ETAL     | 343/700 |          | 1/8/87            |
| 4642640         | 2/10/87  | WOOLSEY ETAL   | 342/42  |          | 4/25/83           |
| 4259673         | 3/31/81  | GURETZKY       | 343/825 |          | 6/5/79            |
| 4400102         | 8/23/83  | TANAKA         | 343/790 |          | 4/13/81           |
| 5654693         | 8/5/97   | COCITA         | 340/572 |          | 4/10/96           |
| 4782345         | 11/1/88  | LANDT          | 343/727 |          | 7/29/86           |
| 5030807         | 7/9/91   | LANDT ETAL     | 235/375 |          | 1/16/90           |

## FOREIGN PATENT DOCUMENTS

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|-----------------|------|---------|-------|----------|----------------|
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SCHREIER PAUL, TECHNOLOGY REG'S DICTATE MULTIPLE DECISIONS  
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